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6231

DARWIN
TULIPS

1923

Fall Catalog

NARCISSUS

CLARA BUTT

ISIS

WM. PITT

VAN WAVERN
GIANT

EMPEROR

GOLDEN SPUR



A SEATTLE ROSE GARDEN

HYACINTH

OFFICINALIS
RUBRA

J.A. BOYCE SEED CO.

PEONIES

FESTIVA
MAXIMA

89
Pike St.

SEATTLE
WASHINGTON

LA INNOCENCE

LA
GRANDESSE

LA
FRANCE

BOYCE'S SELECTED HOLLAND BULBS

Sometime, somewhere, some seedsman will have positively the best bulbs possible to grow. For years we have been trying for, and nearing, that goal, and in this list of selected bulbs, we give you the finest bulbs that can possibly be procured. All these bulbs come from the finest grower in Holland, a firm who this year has issued a centenary edition of their catalogue, having been in business one hundred years, and who has after these long years developed the very finest bulbs to be had, rich in coloring, uniform in shape, regular in size, and even in height. They show their breeding at sight, and are guaranteed true to name. They are adaptable to our soil and climate, and at all times come true in period of blooming.

BOYCE'S SELECTED HYACINTHS



The first flowers of importance to bloom in the spring. Produce beautiful spikes of bloom strikingly attractive in their richness and variety of color.

CULTURE IN POTS—Use any good, rich soil, mixed with a little sand, potting so as to leave the top of bulb even with the soil. For a single plant use a four or five-inch pot, but the effect will be prettier if three, six or as many as a dozen, are planted together in a larger-size pot, and still more effective if all are of one color. The soil should be pressed firmly around the bulbs but do not pack it hard underneath. After potting, water thoroughly and place in some cool, dark place for four or five weeks, watering once about every ten days, enough to keep the soil moist.

A simpler and easier way is to plant in water, either in a regular hyacinth vase as described elsewhere in this catalogue, or in a bowl supported by stones. In either case it is essential that the plants are placed in a dark place until the roots have had a chance to grow and get established. The exhibition size hyacinth bulbs should be used when they are to be forced.

An excellent way to force Hyacinth bulbs in the home. When grown this way they bloom earlier and more satisfactorily than when grown in pots.

CULTURE IN OPEN GROUND—Any good garden soil will suit hyacinths and the depths at which they are planted should be determined by the character of the soil. If clay or very heavy, bulbs should not be covered more than three inches; if light, from four to six inches. They should be protected with manure.

BISMARCK—Light lavender blue, excellent forcer.

CITY OF HAARLEM—Bright golden yellow.

DUKE OF WESTMINSTER—Deep purplish blue.

ENCHANTRESS—Pale porcelain, tinted lilac and lilac center.

GARIBALDI—Glowing crimson red; early.

GENERAL DE WITT—Very fine light rose, broad spike.

GERTRUDE—Rosy pink; large, compact truss.

GIGANTHEA—Blush pink; small bells; compact, fine spike.

GRAND LILAS—Light blue, shaded lilac.

GRAND MAITRE—Deep lavender blue; large truss, with dark stem.

KING OF THE BLUES—Dark blue; compact truss; extra.

LADY DERBY—Bright rose pink; excellent for pot culture.

LA GRANDESSE—Most showy; pure white; fine bells.

LA INNOCENCE—Pure white; large truss; best all-round white hyacinth.

LA VICTOIRE—Bright deep carmine rose; extra for exhibition.

LORD BALFOUR—Lilac, tinged violet; very large bells.

MARIE—Dark blue, tinged purple.

MORENO—Deep pink; large bells.

QUEEN OF THE PINKS—Lovely rosy pink; broad, large truss.

QUEEN OF THE BLUES—Pale azure blue; large spike.

SCHOTEL—Soft light blue, very long; perfect truss.

YELLOW HAMMER—Pure yellow; beautiful truss; early; exhibition size.

Exhibition Size, each 15c, 12 for \$1.75,
25 for \$3.50

Bedding Size, each 15c, 12 for \$1.50,
25 for \$3.00

(One each of twenty-two varieties for \$3.00)

BOYCE'S DOUBLE HYACINTHS

Many think that it is the double hyacinth which is so generally grown, but it is not—the "double" implies the flower being double on the truss. They are more showy and are more scented.

CHESTNUT FLOWER—Rose; large bells.

GARRICK—Bright blue.

GOETHE—Yellow.

ISABELLA—Blush white; splendid spike.

PRESIDENT ROOSEVELT—Deep rose; fine bulb.

Each 15c, 12 for \$1.75, 25 for \$3.50
(One each of five varieties for 75c)

BOYCE'S ROMAN HYACINTHS

Excellent for growing in pots, pans and boxes, flowering earlier than the large hyacinths. Plant a few pots for Christmas flowering; they make excellent gifts.

Each 10c, 12 for \$1.00, 25 for \$2.00

GRAPE HYACINTHS

ALBA—Pure white.

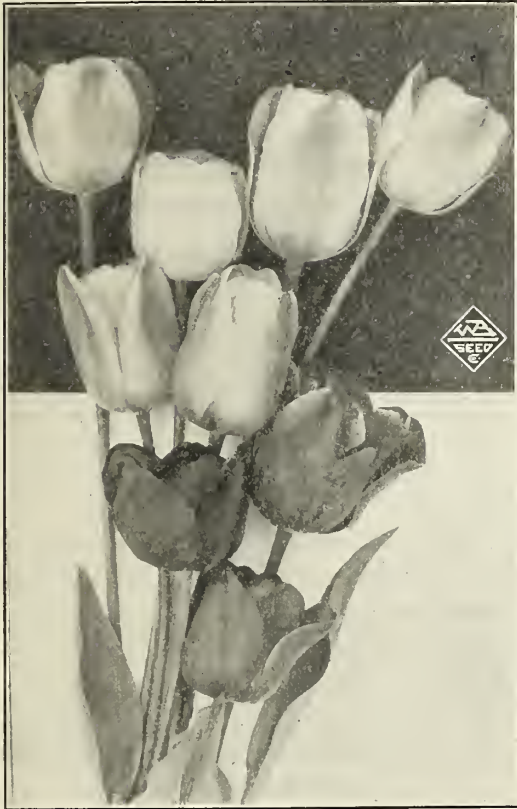
DARK BLUE—Deep blue.

HEAVENLY BLUE—Light blue, finest of all the colors, much larger bloom than ordinary Grape Hyacinths.

BOYCE'S SELECTED SINGLE EARLY TULIPS

The small number following name is the approximate height of tulip.

- ARTUS** (8)—Early showy deep scarlet, very fine bedder.
BELLE ALLIANCE (8)—Early scarlet, large, sweet-scented flowers.
CHRYSOLOREA (9)—Deep yellow, extremely large flowers, unexcelled bedder.
COTTAGE MAID (8)—Delicate rose, flushed white, good bedder.
CRAMOISE BRILLIANT (7)—Extra early, brilliant scarlet, excellent for forcing.
COTTAGE BOY (10)—Orange red, fine bedder.
DUCHESSE de PARMA (10)—Deep orange, edged yellow, showy bedder.



- DUC VAN THOLL—SCARLET**, distance type, deep scarlet.
DUC VAN THOLL—WHITE, pure white, elegant shape.
LA RIANTE—Bright rose, very beautiful.
HERMAN SCHLEGEL (10)—Sulphur yellow.
JOOST VAN VONDEL (8)—Cherry red with white.
LA REINE (10)—Extra early white, shaded rose.
LADY BOREEL (8)—Pure white, excellent for bedding and forcing.
MAES—Dazzling scarlet; one of the best.
McKINLEY—Orange, red shaded carmine.
MON TRESOR (10)—Extra early, pure light yellow.
PRINCE OF AUSTRIA (12)—Late, orange red, sweet-scented.
PRESIDENT LINCOLN (10)—Magenta violet, large flowers, very effective.
PRINCESS MARIANNE (10)—White shaded rose.
ROSE GRISDELIN (8)—Delicate rose, flushed white, excellent forcer.
THOMAS MOORE (12)—Extra early, terra cotta, shaded with gold.
WOUWERMAN (10)—Purple violet, large flowers.
WHITE SWAN (12)—Late, pure white, tall stem.
YELLOW PRINCE (8)—Early, deep yellow, sweet-scented.

12 for 65c, 25 for \$1.25, 100 for \$4.50
 (One each of these 25 varieties for \$1.20)

NEWER VARIETIES -- SINGLE EARLY TULIPS

The following varieties are Single Early Tulips but later creations and more expensive varieties. They should be in every garden.

- CULLINAN**—Rosy pink, white center of petals.
COULEUR de CARDINAL (10)—Velvety crimson scarlet.
FLAMINGO (12)—Brilliant rosy carmine, white center, excellent forcer.
KEIZERSKROON (12)—Early scarlet red, with broad yellow margin, most popular bedding tulip.
PROSERPINE (10)—Rich, satiny carmine rose.
RISEING SUN—Deep orange yellow.
SIR THOMAS LIPTON—Royal scarlet, extra brilliant.
VERMILION BRILLIANT (10)—Dazzling vermilion scarlet.
WHITE HAWK (12)—Pure white, extra large globular flowers.

12 for 75c, 25 for \$1.50, 100 for \$5.50
 (One each of these 9 varieties for 60c)

- BRILLIANT STAR** (10)—Bright vermilion scarlet, black center, excellent forcer for Christmas.
PINK BEAUTY (12)—Deep, glowing rose, with white flush outside.
ROSE LUISANTE (10)—Deep brilliant rose, very showy for pot culture.

12 for \$1.00, 25 for \$2.00, 100 for \$7.50
 (One each of these 3 varieties for 25c)

NEWEST VARIETIES

- DE WET** (Fireglow)—Wonderful, golden stippled, orange scarlet; distinct novelty.

Each 15c, 12 for \$1.50

BOYCE'S BRILLIANT SINGLE TULIP MIXTURE

This mixture is one of many colors and rare varieties, carefully selected and will produce a riot of color from the time the earliest varieties bloom until late in the season.

12 for 50c, 25 for \$1.00, 100 for \$3.50

TULIPS FOR POT CULTURE

This is one of the favorite ways of growing tulips, and one can have tulips blooming in the house with very little difficulty. By planting the following varieties at one time, bringing one pot at a time to the light a few days apart, they will bloom over a long period. A pot holding six tulips is the most satisfactory way to plant them.

For forcing indoors we recommend the following varieties:

- BRILLIANT STAR**—Bright vermilion.
PINK BEAUTY—Glowing rose.
THOMAS MOORE—Terra cotta.
KEIZERSKROON—Red and yellow.
PRINCE OF AUSTRIA—Orange red.
WHITE SWAN—Pure white.

A collection of six each of these six varieties
 for \$2.25

BOYCE'S SELECTED PARROT TULIPS

By far the oddest-shaped flower in existence. The colony is exquisite and no garden is complete without a Parrot Tulip collection.

- ADMIRAL VON CONSTANTINOPEL**—Bright scarlet, shaded orange; very showy.
CRAMOISE BRILLIANT—Rich blood crimson, black markings; very large.
LUTEA MAJOR—Clear yellow, crimson and green blotches and stripes.
MARKGRAAF—Orange shaded and feather reddish purple and green, inside orange yellow.
PERFECTA—Striped yellow and red.

12 for 65c, 25 for \$1.25, 100 for \$4.50

BOYCE'S SELECTED GIANT DARWIN TULIPS

(The Aristocrats of the Tulip World)

Personally we think it impossible to find anything in the floral kingdom excelling, if equalling, Darwin Tulips in splendor.

The extreme beauty of the Darwin Tulips have made more of an impression on the flower-buying public than any types of the flowers that we know.

These selected strains produce tulips on long, graceful stems. They are truly wonderful, each and every variety a regal beauty of pedigree parentage.

Darwin Tulips are more largely grown every year, and considering the splendid form, exquisite coloring, and the immense size, it is not surprising that these flowers have such great popularity.

Darwin Tulips are late Mayflowering tulips but are quite distinct in style of growth from others of this class. They are very stately in appearance, attain a height of two to three feet and bear on long stem beautiful globular flowers of lasting wax-like substance in a great variety of brilliant colors.

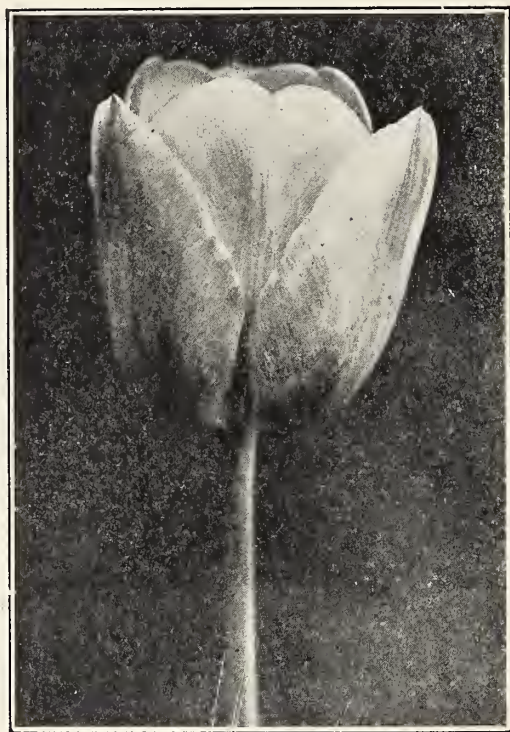
They are exceedingly effective when grown in groups of a dozen or more of one variety in the garden; as cut flowers they are unsurpassed, and in pots these tulips are also lovely and can be successfully flowered in the house if grown in a cool room and not forced into bloom before March. The small figures following name indicate approximate height.

BARONNE DE LA TONNAYE (26)—Bright margined blush rose, long large flower, retaining its color well; a sturdy variety.

CLARA BUTT (21)—A large flower of remarkable beauty, coloring an exquisite shade of soft salmon pink shaded rose, the finest pink Darwin.

DREAM (27)—Large lilac, extra fine color.

GRETCHEN (22)—Silvery pale rose, flushed white, inside soft pink; globular on stiff stalk.



HIPPOLITE (25)—Blue violet, fine.

HARRY VEITCH (22)—Rich blood-red, very brilliant in sunlight.

LA CANDEUR (24)—Almost pure white when matured; very fine.

LA TULIPE NOIRE (24)—Dark maroon black, the blackest of all tulips; very large flower of fine form.

MASSACHUSETTS (26)—Vivid pink, with white center; large flower of good color.

MRS. CLEVELAND (24)—Soft flesh-white suffused old rose, with blue center.

PAINTED LADY (25)—Creamy white, faintly tinted, soft heliotrope, extra fine.

PHILLIPE DE COMMINES (25)—Velvety dark purple, extra fine.

PRIDE OF HAARLEM (25)—Brilliant rosy carmine with blue base; very large flower on tall, strong stem; a wonderful tulip.

REV. EWBANK (22)—Soft lavender violet, darkening towards base of flower; beautiful color.

SIERAAD VAN FLORA (25)—Large bright red with blue base; well-formed flowers.

WM. COPELAND (25)—Best early forcing, comes in January; very delicate lilac; grown out-of-doors; is rosy lilac.

MRS. POTTER PALMER (25)—Deep purple; a very fine tulip for border.

JOSEPH ISRAEL (22)—Rich maroon black, with blue base.

MARCONI—Bright violet, yellow center.

MEDUSA—Crimson scarlet, light blue center.

12 for 65c, 25 for \$1.25, 100 for \$4.50,
1000 for \$40.00

(One each of twenty varieties for \$1.00)

NEWER VARIETIES

ANTON ROOZEN (23)—Vivid rose pink, with white base; marked blue flower of great beauty.

BARTIGON (26)—Carmine crimson; extra fine.

BLEU AIMABLE—Soft bluish lilac.

EDMEE (25)—Lovely pink; light edge.

EUROPE (22)—Salmon scarlet.

FARNCOMBE SANDERS (25)—Bright scarlet; large, broad-petaled flowers of perfect shape; best among the reds.

FAUST—Blackening violet, enormous flower.

GLOW (23)—Vermilion scarlet with blue markings; good-sized flower of distinctive shape.

ISIS (26)—Crimson scarlet; very large flower of striking beauty.

KING HAROLD—Deep ox-blood red.

MELICETTE—Lavender, beautiful shade.

MADAM KRELAGE (28)—Bright lilac rose, inside soft rose pink; long flower.

PRINCESS JULIANA (27)—Scarlet salmon, peacock-blue center.

PROFESSOR RAUWENHOF (28)—Deep cherry rose with salmon glow inside; enormous flower; superb for border.

RONALD GUNN—Purple lavender edge.

RAPHAEL—Brownish violet.

VIKING—Dark purplish violet.

VALENTINE—Violet purple, blue center.

WM. PITT (22)—Very dark crimson with purplish bloom on the outer petals; large flower.

12 for 85c, 25 for \$1.65, 100 for \$6.00,
1000 for \$55.00

(One each of nineteen varieties, 90c)

BOYCE'S GOLD MEDAL DARWIN TULIP SELECTION

A balanced mixture of all the above collection, and many beautiful bulbs not in our list. Can be planted with wonderful results in perennial borders.

12 for 55c, 25 for \$1.00, 100 for \$3.50

BOYCE'S SELECTED BUTTERFLY TULIPS

A new variety of tulips very seldom seen in Seattle or vicinity. We are the first to catalog them. The shading is unusually delicate, mostly of the darker shades. Lovely combinations with flames and stripes.

APOLLO—Rosy lilac and white, deep carmine markings.

RED PRINCE—Fiery red flames on rosy ground.

SEMELE—Vivid rose and white.

WEDDING VEIL—Dark violet and shaded heliotrope.

SUZANNE—Clear scarlet, flamed rose and white.

12 for 85c, 25 for \$1.65, 100 for \$6.00
(One each of five varieties for 35c)

OLD DUTCH TULIPS

These are odd varieties. We have purchased a small number of each and would recommend that the tulip lover purchase a few of each variety to try out, and if they meet with your approval we will carry a more complete stock the coming season.

BIZARRES—A very old tall-growing variety. The flowers are all striped and feathered brown, maroon or black, on yellow ground. Mixed colors.

Each 15c, twelve for \$1.50.

BYBLOEMENS—Very similar to Bizarres except for the coloring in the base.

Each 15c, twelve for \$1.00.

GREIGH—A tulip species, orange scarlet, black-blotched center.

Each 35c.

BOYCE'S BRILLIANT DOUBLE TULIP MIXTURE

If you like double tulips, and are not particular about color this selection is bound to please you. Many rare tulips not included in our selection of named varieties in the mixture.

12 for 50c, 25 for \$1.00, 100 for \$3.50

BOYCE'S SELECTED BREEDER TULIPS

I don't suppose there are twenty-five gardens in the vicinity of Seattle which have breeder tulips in them, and the only reason is that they are not known. There is no flower in existence more beautiful. To describe them I'll quote the Holland firm from whom I purchased the bulbs listed in this catalog.

Old Dutch Selfcolored Tulips have been neglected for many years. The present taste for artistic colors has, however, called them into prominence once more; nature's happiest color-combinations of purple and bronze, gray and lilac, yellow and bronze, brown and orange, are revealed to us in this group. The flowers are mostly large, but of perfect form, and are borne on tall, strong stems.

ADELINE PATTI—Large flower; deep winered, shaded lilac; fine white base, edged steel blue.

Each 20c, 12 for \$2.00, 25 for \$3.75, 100 for \$15.00.

APRICOT—Deep bronze orange.

Each 15c, 12 for \$1.25, 25 for \$2.25, 100 for \$9.00.

BACCHUS—Deep plum purple, with darker bloom on outer petals; large; very fine flower.

Each 25c, 12 for \$2.50, 25 for \$4.50, 100 for \$18.00.

BLACK CHIEF—Dark purple black.

Each 10c, 12 for \$1.00, 25 for \$1.75, 100 for \$6.50.

BRONZE QUEEN—Recommended for pot culture; buff, tinged apricot.

Each 10c, 12 for 75c, 25 for \$1.25, 100 for \$5.00.

CARDINAL MANNING—A curious blend of mauve and rose, which changes to almost pure orange at the extreme edges of the petals.

Each 10c, 12 for 85c, 25 for \$1.75, 100 for \$5.50.

CHESTNUT—Dark brown.

Each 15c, 12 for \$1.50, 25 for \$2.50, 100 for \$10.00.

COPERNICUS—Dark coppery bronze, old rose.

Each 20c, 12 for \$2.00, 25 for \$3.75, 100 for \$15.00.

DOM PEDRO—Dull brown shaded maroon.

Each 15c, 12 for \$1.50, 25 for \$2.50, 100 for \$10.00.

DUKE OF EDINBURGH—Deep violet, lighter shading.

Each 25c, 12 for \$2.50, 25 for \$4.50, 100 for \$18.00.

FAIRY—Terra cotta and bronze; large flower.

Each 15c, 12 for \$1.50, 25 for \$2.50, 100 for \$10.00.

GODDET PARFAIT—Deep purple violet with white base.

Each 20c, 12 for \$2.00, 25 for \$3.75, 100 for \$15.00.

GOLDEN BRONZE—Old gold outside, deep golden bronze inside.

Each 15c, 12 for \$1.50, 25 for \$2.50, 100 for \$10.00.

GOLD FINCH—Tortoise shell brown.

Each 25c, 12 for \$2.50, 25 for \$4.50, 100 for \$18.00.

INDIAN CHIEF—Coppery red, flushed purple. Grandest of all Tulips.

Each 75c.

JUBILEE—Dark purple.

LOUIS XIV—A royal flower; purple flushed golden bronze; large, 25c, 12 for \$2.50.

LUCIFER—Large, reddish-orange; fine, large flower.

Each 20c, 12 for \$2.00, 25 for \$3.75, 100 for \$15.00.

MADAME LETHIERRY—Dark cherry rose, edged and flushed salmon.

Each 15c, 12 for \$1.50, 25 for \$2.25, 100 for \$8.00.

MARIE LOUISE—Rose shaded salmon, edged bronzy orange.

Each 15c, 12 for \$1.25, 25 for \$2.25, 100 for \$7.50.

MacMAHON—Bronze violet shaded yellow.

Each 15c, 12 for \$1.50, 25 for \$2.50, 100 for \$10.00.

MEDEA—Crushed strawberry shaded heliotrope.

Each 10c, 12 for \$1.00, 25 for \$1.75, 100 for \$6.50.

MON TRESOR—Bright carmine.

Each 10c, 12 for \$1.00, 25 for \$1.75, 100 for \$5.50.

NOIX VERITABLE (Black Chief)—Dark purple, black.

Each 15c, 12 for \$1.50, 25 for \$2.50, 100 for \$10.00.

PRINCE OF ORANGE—Terra cotta with orange edge; very fine.

Each 10c, 12 for \$1.00, 25 for \$1.75, 100 for \$5.50.

TURENNE—Bronze violet.

Each 20c, 12 for \$2.00, 25 for \$3.75, 100 for \$15.00.

VELVET KING—Dark purple, white base.

Each 20c, 12 for \$2.00, 25 for \$3.75, 100 for \$15.00.

VULCAN—Strawberry red, margined buff yellow.

Each 30c, 12 for \$3.25, 25 for \$6.00, 100 for \$24.00.

YELLOW PERFECTION—Bronze yellow, shaded deep golden.

Each 10c, 12 for \$1.00, 25 for \$1.75, 100 for \$6.50.

MIXED BREEDERS—Consisting of many rare varieties not in the above list.

Each 10c, 12 for 75c, 25 for \$1.25, 100 for \$5.00.

MAYFLOWERING TULIPS

(Also called COTTAGE TULIPS)

These late tulips deserve to be planted freely, even if grown for house decoration. Exquisite in form and brilliant in color, they bloom at a time when spring flowers are gone and summer plants are still developing. Especially recommended for the permanent hardy border. Often grow two or three feet high and the bloom presents a striking appearance. They are different in shape than the Darwin and many of the most expensive bulbs are in the Mayflowering class.

GESNERIANA LUTEA—Deep yellow; a flower of perfect form and large size.

GESNERIANA MAJOR (SPATHULATA)—Rich crimson scarlet with blue-black base.

INGLESCOMBE YELLOW—Glossy canary-yellow; large globular flower of perfect form; this variety is known as yellow Darwin.

INGLESCOMBE PINK—Soft, rosy pink with salmon flush.

INGLESCOMBE SCARLET—Intense vermilion red with black base; large, showy flower on a graceful stem.

MOONLIGHT—A soft but luminous canary-yellow; long, oval-shaped flower; superb for any outdoor purpose.

ORANGE KING—Glistening deep orange-shaded rose, inside deep orange scarlet with yellow center; sweet-scented.

PICOTEE—White-margined deep rose, the color suffusing the whole flower as it ages.

THE FAWN—Pale, rosy fawn, changing to cream, flushed blush rose flower of exquisite beauty and graceful stem; a gem among late tulips.

FAIRY QUEEN—Rosy heliotrope, yellow margin.

ISABELLA—Creamy white with carmine rose.

LA MERVEILLE—Large, orange red with carmine.

12 for 65c, 25 for \$1.00, 100 for \$4.50

(One each of twelve varieties for 60c)

JOHN RUSKIN—Apricot rose, mauve shading; a melody of soft shades.

LA REVE (HOBBEMA)—Rosy buff tone with yellow base; (a tulip that has received an award of merit) truly wonderful.

MRS. MOON—Very deep yellow; reflexed petals.

CARNATION—New variety resembling Picotee, but larger and better.

Each 10c, dozen \$1.00, 25 for \$2.00,

100 for \$7.00

HAMMER HALES—Mahogany brown, edged orange; large, symmetrically-shaped flowers.

AVIS KENNICOTT—Rich yellow, black base.

PRINCE OF ORANGE—Glowing orange, shaded scarlet.

Each 20c, dozen \$2.00, 25 for \$4.00,

100 for \$15.00

BOYCE'S SELECTED DOUBLE TULIPS

The double tulips need no introduction. Many prefer them to the single. Our list comprises the aristocrats of them all.

MURILLO (8)—Delicate rose pink, flushed white, good-sized flower; most popular forcing variety.

RUBRA MAXIMA (10)—Dark scarlet, a good bedding tulip.

SALVATOR ROSA (10)—Deep rose, slightly flushed, white large flower.

TEA ROSE (10)—Saffron yellow, flushed salmon, a distinctive shade and beautiful flower.

12 for 65c, 25 for \$1.25, 100 for \$4.50

BOULE-DE-NEIGE (10)—Pure white, large full flower.

COURONNE D'OR (8)—Deep yellow, flushed orange red.

LA CANDEUR (10)—Pure white, fine for bedding, late variety.

TOURNESOL (8)—Bright yellow, shaded orange.

VAN DER HOFF (10)—Pure yellow; a sport of Murillo.

TOURNESOL (10)—Red with yellow edge.

VOUREBAK (8)—Fiery scarlet, tinged orange when open.

IMPERATOR RUBRUM—Extra fine, double scarlet.

12 for 85c, 25 for \$1.65, 100 for \$6.00

(One each of these twelve varieties for 75c)

If you intend forcing double tulips, be sure to select

MURILLO—Delicate pink.

TEA ROSE—Yellow.

RUBRA MAXIMA—Red.

(Six each of these three varieties for 80c)

BOYCE'S SELECTED DAFFODILS

Single Large Trumpet

Daffodils are the most effective of all bulbs for use in shrubbery and for a border in front of massed bushes or hedges. Bicolor Empress, Yellow Emperor and Golden Spur are especially desirable.

Daffodils have undergone marked improvement of late years; their development is indeed noticeable. We have been unceasing in our efforts to produce and give our trade the newest creations, as well as the most highly bred strains of the old.



EMPEROR—A large flower of remarkable substance and more generally grown than any other daffodil. The trumpet is yellow and the perianth deep primrose; broad at the base. Mammoth bulbs—

12 for \$1.00, 25 for \$2.00, 100 for \$7.00.

Second size or single nose—

12 for 85c, 25 for \$1.60, 100 for \$6.00.

EMPRESS (BICOLOR)—White perianth with yellow trumpet. Mammoth bulbs—

12 for \$1.00, 25 for \$2.00, 100 for \$7.00.

Second size or single nose—

12 for 85c, 25 for \$1.60, 100 for \$6.00.

VAN WAVEREN'S GIANT—Produce the largest flower of all; perianth light yellow, trumpet dark golden yellow; a splendid new introduction.

Giant bulbs—

Each 20c, 12 for \$2.00, 100 for \$16.00.

Second size or single nose—

Each 15c, 12 for \$1.60, 100 for \$12.50.

KING ALFRED—Tall grower; very large yellow trumpet; a grand novelty; perianth and trumpet of uniform clear, rich yellow; double nosed.

Each 20c, 12 for \$2.25, 100 for \$17.50.

Second size or single nose—

Each 15c, 12 for \$1.60, 100 for \$12.50.

GOLDEN SPUR—Best of all yellow narcissus, being pure yellow; fine for forcing.

Mammoth bulbs—

12 for \$1.00, 25 for \$2.00, 100 for \$7.00.

Second size or single nose—

12 for 85c, 25 for \$1.60, 100 for \$6.00.

PRINCEPS—Perianth sulphur yellow; trumpet deep yellow; early.

12 for 85c, 25 for \$1.60, 100 for \$6.00.

VICTORIA (BICOLOR)—Large, durable flowers which stand erect; broad perianth of creamy white; large, broad-fluted trumpet of rich yellow.

12 for \$1.00, 25 for \$2.00, 100 for \$7.00.

Second size or single nose—

12 for 85c, 25 for \$1.60, 100 for \$6.00.

TRUMPET MAJOR—Well formed; pure yellow; fine for forcing.

12 for 85c, 25 for \$1.60, 100 for \$6.00.

OLYMPIA—A new variety larger than the Emperor; pure yellow.

Mammoth bulbs—

Each 20c, 12 for \$2.00, 25 for \$3.75, 100 for \$15.00.

Second size or single nose—

Each 15c, 12 for \$1.60, 100 for \$12.50.

GLORY OF SASSENHEIM—Improved bicolor Victoria.

Mammoth bulbs—

Each 15c, 12 for \$1.50, 25 for \$2.50, 100 for \$10.00.

GLORY OF LEIDEN—Early, pure yellow daffodil.

Each 15c, 12 for \$1.50, 25 for \$2.50, 100 for \$10.00.

SMALL TRUMPET

(The Following Have Large Petals)

BARRI CONSPICUUS—Yellow petals; very fine scarlet cup.

12 for 80c, 25 for \$1.60, 100 for \$6.00.

LUCIFER—Petals white; bright scarlet cup.

Single Nose—

12 for 60c, 25 for \$1.20, 100 for \$5.00.

Double Nose—

12 for 80c, 25 for \$1.60, 100 for \$6.00.

SIR WATKIN—Large primrose and perianth with a rich, yellow cup; one of the best varieties.

Mammoth bulbs—

12 for \$1.00, 25 for \$2.00, 100 for \$7.00.

Second size or single nose—

12 for 80c, 25 for \$1.60, 100 for \$6.00.

DOUBLE DAFFODILS

ALBA PLENA ODORATO—Large, double, snowy white; sweet-scented; much prized for cutting.

12 for 60c, 25 for \$1.20, 100 for \$4.00.

CAMPERNEL PLENUS—Fine large flowering; double yellow.

12 for 60c, 25 for \$1.20, 100 for \$4.00.

ORANGE PHOENIX—Large, double rose-shaped flowers, with rich reddish orange center.

12 for \$1.00, 25 for \$2.00, 100 for \$7.00.

MAMMOTH VON ZION—The most popular double daffodil; excellent for bedding.

12 for \$1.00, 25 for \$2.00, 100 for \$7.00.

Second size, round bulbs—

12 for 85c, 25 for \$1.60, 100 for \$6.00.

SULPHUR PHOENIX—Large, double rose-shaped flower, with sulphur center.

Mammoth bulbs—

12 for \$1.00, 25 for \$2.00, 100 for \$7.00.

Second size, round bulbs—

12 for 85c, 25 for \$1.60, 100 for \$6.00.

SWEET SCENTED DAFFODILS

CAMPERNELLI—Rich yellow; broad petals and cup.

12 for 60c, 25 for \$1.20, 100 for \$4.00.

JONQUILLA—Sweet-scented and rich yellow.

12 for 60c, 25 for \$1.20, 100 for \$4.00.

POETICUS ORNATUS—Perianth pure white, cup yellow, edged deep red. A new race of narcissus resulting from cross between Poeticus Ornatus and the best varieties of Polyanthus narcissus. The plants generally bear from three to four flowers on a stem and are deliciously fragrant.

12 for 85c, 25 for \$1.60, 100 for \$4.00.

ELVIRA—Broad white petals of great substance, and golden yellow cup, edged orange.

12 for 85c, 25 for \$1.60, 100 for \$6.00.

BOYCE'S GIANT CROCUS

This beautiful earliest-of-all flower, comes with the very first of spring, when the garden has no other foliage or flower. A lovely display of brilliant colors makes them a favorite. Splendid for house decoration. Six to eight bulbs should be planted in a five-inch pot. For out-of-doors plant in abundance for a showy bed.

BOYCE'S SHOW MIXTURE—Famous for large blooms.
12 for 35c, 25 for 65c, 100 for \$2.50.

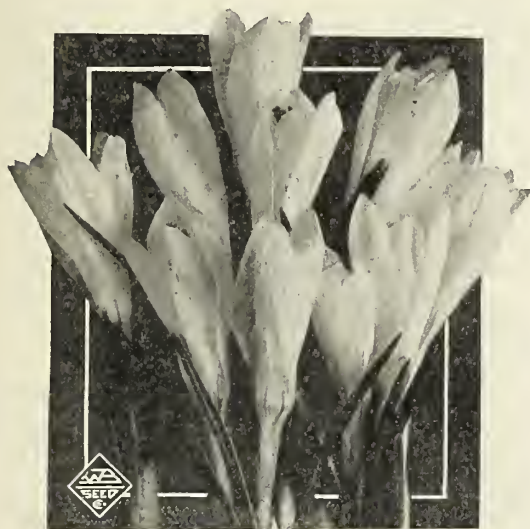
MONTBLANC I—White, pure.

SIR WALTER SCOTT—White striped pale lilac.

BARON BRUNOW—Deep purple.

LOTHAIR—Extra fine deep purple stripes on white ground

YELLOW MAMMOTH—Extra large golden yellow.
12 for 35c, 25 for 70c, 100 for \$2.50.



PAPER WHITE NARCISSUS

This beautiful Polyanthus narcissus (meaning Many Flowers) is for pot culture. Can be grown either in pots or in bowls supported by pebbles. The flowers are pure white, sweet scented, and very easily grown.

12 for 75c, 25 for \$1.50, 100 for \$5.50.

FREESIA

When planted early or as late as September 30th, they can be brought into bloom by Christmas. Very easily forced. The flower is a cluster of pure white blossoms, very sweet scented.

12 for 50c, 25 for \$1.00, 100 for \$3.50.

Rainbow Mixture, a splendid strain containing a large number of beautiful colors.

RANUNCULUS

We have secured a few of these bulbs from a private estate and consider ourselves quite fortunate, as the embargo which the government placed on this class of bulbs has made them impossible to get.

12 for \$1.00, 25 for \$2.00.

ANEMONE

ST. BRIGID—Another variety of bulbs which have been off the market for some time. We have only a few hundred. While they last—

12 for \$1.00, 25 for \$2.00.

CHINESE SACRED LILY

Resembles paper white narcissus in every way, even to scent. Grown most successfully in water. Every home should have a few pots of these lilies growing.

Each 15c, 12 for \$1.50, 30 for \$3.00.

CALLA LILY

To complete the collection we have secured a very good stock of both the white and yellow bulbs.

Each 35c.

IRIS

The most fashionable flower in the east today is the iris. They are all the rage. What is more beautiful than the orchid-shaped iris. The entire colony is wonderful. Do not confuse these with the old-fashioned flags, for they are German iris, entirely different.

FLORENTINE—Creamy white with lavender; each 25c.

HONORABILIS—Golden yellow, with brown; each 25c.

MADAM CHEREAU—White with clear blue border; each 25c.

PURPLE PRINCE—Violet blue, falls deep purple; each 25c.

PALLIDA DALMATICA—Delicate lavender; each 25c.

QUEEN OF MAY—Delicate shaded rose, lilac; 25c.

(One each, six varieties, \$1.00).

JAPANESE LILIES

In the west, where lilies do so well and are so easy to take care of, they should be used more. Every hardy border should be spotted with lilies. They multiply rapidly, and in a few years can be subdivided. Our collection is complete, as we list every lily that we know will do well.

LILIUM MAGNIFICUM—Crimson; very prolific bloomer. One of the finest of all hardy lilies.

Each 35c, ten for \$3.00.

LILIUM ALBUM—Pure white, petals curved back. Profuse bloomer.

Each 35c, ten for \$3.00.

LILIUM TIGRINUM—Single tiger lily; quite common, but a wonderful lily.

Each 35c, ten for \$3.00.

LILIUM TIGRINUM—Double tiger lily.

Each 35c, ten for \$3.00.

LILIUM HENRYI—Flowers small, resembling tiger lily. Each plant has several dozen flowers. Be sure to include in your collection.

Each 35c, ten for \$3.00.

LILIUM LONGIFLORUM—The Easter lily; can be grown out-doors, but is generally forced inside for Easter bloom. Very easy to grow.

Each 35c, ten for \$3.00.

LILIUM CANDIDUM—Known as Madonna lily, or St. Joseph lily. Pure white. Does especially well in sunny borders.

Each 35c, ten for \$2.25.

LILIUM AURATUM—(Golden Band Lily). White with crimson spots and yellow stripe each petal. Largest and best known of Japanese lilies.

Each 35c, ten for \$3.00.

Mammoth size bulbs, each 50c.

LILIUM RUBRUM—Very prolific bloomer; white and rose ground, spotted with crimson.

Each 35c, ten for \$3.00.

Mammoth size bulbs, each 50c.

LILIUM MELPOMENE—Crimson, spotted with deep blood red.

Each 35c, ten for \$3.00.

LILIES OF THE VALLEY

No description is necessary for this old favorite. Every garden should have a clump of them.

Each 10c, 12 for \$1.00. Large clumps 75c each.

HOW TO GROW ROSES

LOCATION OF BEDS—Roses should be planted where they will be open to sunlight for at least half of each day. In locating beds, avoid trees, shrubbery and shady sides of buildings and fences. This will lessen the danger from insects and diseases.

SOIL—Any good garden soil, which will grow good vegetables, will grow, with proper fertilization, fine roses. The ideal soil is a clay loam of sufficient porosity to permit of ready drainage.

PREPARATION OF BEDS—The beds should not be so large that the roses cannot be reached without treading on them. Long, narrow beds, with one continuous row of plants, are preferable. Spade the soil to a good depth, mixing in good fertilizer as you do so, and the richer the fertilizer the better results you will have. We manufacture a special rose fertilizer. Whalebone meal is excellent.

PLANTING—Most varieties should be planted about 2½ feet apart, when the soil is in a nice, mellow condition. Spread the roots out well and press the soil down firmly. Plant slightly deeper than previously grown and give out good watering if weather is warm and dry.

WATERING—Most people water their roses too much. Once a week is often enough and that early in the morning. Keep the soil mulched or cultivated around the bushes to prevent baking.

MULCHING AND PROTECTION—Only the tenderest varieties need any protection in this country. This can best be supplied by mulching the soil around the plants with a heavy application of cow manure, which should be spaded in the following spring. All plants should have this mulching.

PRUNING—Field-grown dormant roses should be cut back severely when first set out. Subsequent prunings should be attended to in late winter and early spring, when all dead and weak growth should be removed entirely and the strong, live canes should be shortened back to one or two feet in length, according to the growth of the previous season. It may be accepted as a general rule that weak growth should be pruned severely and strong ones sparingly. Climbing roses should not be cut back any more than is necessary to keep the plant in a shapely appearance.

BEST TIME FOR PLANTING—No question is asked more frequently than: "When is the best time to plant roses?" Our dormant field-grown roses can be planted any time that the soil can be worked, between October and April. Probably the best month is March. Most people plant in that month and with best results.

ROSES

SELECTION OF CHOICE NEW VARIETIES

The Following Choice New Varieties of
Roses at \$1.50 Each

COLUMBIA—Bright rose pink.
GOLDEN EMBLEM—Golden yellow; very fine.
GOLDEN OPHELIA—Yellow; edges of petals cream.
GORGEOUS—Orange yellow; shaded reddish copper.
K. OF K. (KITCHENER OF KHAR-TOM)—Brilliant scarlet crimson.
LOS ANGELES—Pink.
MRS. WEMYSS QUIN—Canary yellow.
T. F. CROZIER—White-shaded eau-de-Nile.
NOBLESSE—Primrose yellow.

The Following Roses, All New Varieties, at \$1.00 Each

CHEERFUL—Rich orange-shaded flame.
AUGUSTUS HARTMANN—Brilliant metallic red.
CHATEAU DE CLOS VOGEAU—Dark velvety crimson.
GENERAL SUPERIOR A JANSEN—Deep glowing carmine.
HOOSIER BEAUTY—Fiery crimson.
MARQUIS DE SINTY—Yellow-shaded copper.
NATIONAL EMBLEM—Dark crimson.
OLD GOLD—Old gold tinted scarlet.

OUR SELECTION OF STANDARD VARIETIES

The Following Varieties Are \$1.00 Each

PINK SHADES

ARTHUR S. GOODWIN—Orange red to salmon pink.
BABY DOROTHY
LOUISE CATHERIN BRESLAY—Coral pink.
LYON—Coral red to chrome yellow.
MELAINE SOUPERT—Salmon.
MRS. ARTHUR R. WADDELL—Salmon pink.
MRS. JOS. H. WALSH—Blush pink.
OPHELIA—Salmon.
MRS. ALFRED TATE
PRINCE DE BULGAIRE—Salmon.
ELLEN POULSEN
WILLOWMERE—Shrimp pink.

RED SHADES

(Autumn Tints—Red and Salmon)
J. B. CLARK
HIS MAJESTY—Crimson.
JULIET—Rosy red shaded old gold.
LADY BATTERSEA—Crimson red.
LAURENT CARLE—Carmine.
MAD. EDUARD HERRIOTT (DAILY MAIL)—Coral red.
ULRICH BRUNNER—Crimson.
CLARA WATSON
WHITE LA FRANCE.

WHITE SHADES

AUGUSTINE—White La France.
BRITISH QUEEN—Pure white.
MRS. DAVID MCKEE—White.

YELLOW SHADES

DUCHESS OF WELLINGTON—Yellow shaded crimson.
ALEXANDER H. GRAY—Yellow.
HARRY KIRK—Sulphur.
IRISH FIREFLAME—Orange and crimson.
IRISH ELEGANCE—Orange.
LADY HILLINGTON—Apricot yellow.
CORDELIA
GEO. ELGER—Yellow.
MAD. RAVARY—Yellow.
MAD. LEON PAIN—Orange.
MRS. AARON WARD—Yellow.
LADY GRONALL
RAYON D'OR—Yellow.
SOLEIL D'OR—Orange yellow.
SUNBURST—Orange yellow.

PINK SHADES

The Following Varieties Are 75c Each

BETTY—Coppery rose.
DOROTHY PAGE ROBERTS—Coppery pink.
DEAN HOLE—Carmine pink.
JONKHEER L. MOCK—Silvery pink.
JOSEPH HILL—Salmon pink.
KILLARNEY—Shell pink.
LA FRANCE—Silvery pink.
TESTOUT—Pink.
MME. ABEL CHATENAY—Salmon.
MME. CECIL BRUNNER—Pink.
MME. COCHET—Rosy pink.
MRS. JOHN LAING—Pink.
MY MARYLAND—Rose pink.
PAUL NEYRON—Pink.
WINNIE DAVIS—Apricot.

RED SHADES

GENERAL McARTHUR—Scarlet.
GENERAL JACQUINOT—Scarlet.
AMERICAN BEAUTY—Carmine.
EDUARD MAWLEY—Crimson.
GEO. DICKSON—Scarlet.
RED DRUSKI
ECARLATE
GRUSS AN TEPLITZ—Crimson.

HUGH DICKSON—Scarlet.
KING GEORGE V—Crimson.
LIBERTY—Crimson.
PAPA GONTIER—Cherry red.
RHEA REID—Crimson.
RICHMOND—Crimson.

WHITE SHADES

BESSIE BROWN—Cream.
FLORENCE PEMBERTON—Cream.
FRAU KARL DRUSCHKE—Snow queen, pure white.
GLORIE LYONNAISE—White.
KAISERIN A VICTORIA—White.
MAMAN COCHET—White.
MARGARITE DICKSON.

CLIMBING ROSES

The Following Varieties Are 75c Each

PINK SHADES

BELLE SIEBRECHT
CECIL BRUNNER (POLYANTHUS)
DR. VAN FLEET
PAPA GONTIER
TESTOUT
DOROTHY PERKINS.

RED SHADES

AMERICAN PILLAR
CRIMSON RAMBLER
HIAWATHA
REINE MARIE HENRIETTE
RICHMOND
TAUSENDSCHON
HOOSIER BEAUTY
AMERICAN BEAUTY
WOOTON.

YELLOW SHADES

CLOTH OF GOLD
GLOIRE DE DIJON
MARESCHAL NEIL
WM. ALLEN RICHARDSON
SHOWER OF GOLD.

WHITE SHADES

KAISERIN A VICTORIA
SILVER MOON.

STANDARD OR TREE ROSES

Each, \$2.00

FRAU KARL DRUSCHKE—White.
HOOSIER BEAUTY—Red.
HUGH DICKSON—Crimson.
LOS ANGELES—Pink.
MR. EDUARD HERRIOTT—Coral red.
MD. CAROLINE TESTOUT—Pink.
OPHELIA—Pink.

MOSS ROSES

PINK, WHITE, RED, 75c each.

EVERGREEN SHRUBS AND TREES

BROAD LEAF VARIETIES

ABELIA — *Ruprestris*. Pink. Each \$1.50.
AUCUBA.
Japonica. ..Variegated. Each \$2.00 to \$3.50.
Japonica. Green. Each \$1.50 to \$3.00.
BERBERIS.
Darwinii. Each \$1.00.
Dulcis. Box leaved. Each \$1.00 to \$1.50.
Illicifolia. Holly leaved. Each \$1.00 to \$1.50.
Mahonia. ..Oregon Grape. Each \$1.00.
BUXUS—Boxwood. Untrimmed. Each 75c., doz. \$7.50.
Round. Each \$2.50 to \$5.00.
Pyramid. Each \$3.50 to \$5.00.
COTONEASTER.
Adpressa (New). Each \$1.50.
Microphylla Trailing. Each \$1.00 to \$1.50.
Horizontalis. Trailing. Each \$1.00 to \$1.50.
Franchetti. Upright. Each \$1.00 to \$1.50.
Simondsii. Upright. Each \$1.00.
CRATAEGUS — *Pyracantha*. Evergreen Thorn. Each \$1.50.
DAPHNE—*Odora*. Each \$2.00.
ERICA—Heather. Each \$1.00 to \$2.00.
ESCALLONIA—*Macrantha*. Pink. Each \$1.50.
White. Each \$1.50.
Red. Each \$1.50.

ILEX HOLLY.
English Berried. Each \$3.00 to \$7.50.
English Berried. Large. Each \$10.00 to \$15.00.

LAUREL.
English. Untrimmed. Each 75c to \$1.50.
English. Trimmed. Each \$2.00 to \$5.00.

Portugal. Each \$1.50 to \$2.50.

LIGUSTRUM PRIVET.

Golden. Each 50c to \$1.50.

LONICERA NITIDA — (Bush Honey-suckle). Each 50c to \$1.00.
Pyramid. Each \$1.50 to \$3.50.

MAGNOLIA—(*Grandiflora*). Each \$1.50.
RHODODENDRONS—Choice Varieties. Each \$3.00 to \$6.00.

SHADE AND ORNAMENTAL TREES

AILANTHUS (Tree of Heaven). Each \$1.25.
ALDER (Cut Leaved). Each \$1.25.

ASH (Mountain). Each \$1.50 to \$2.00.
BEECH (Purple Leaved). Each \$2.50.
CATALPA (*Speciosa*). Each \$1.50 to \$2.00.
Bungei. Each \$2.50 to \$5.00.
ELM (American). Each \$1.50 to \$2.50.
Red. Each \$1.25. Extra large \$2.00.
Pink. Extra large. Each \$2.00.
White. Each \$1.50.
HAWTHORN.
Red. \$2.00 to \$3.00.
Pink. \$2.00 to \$3.00.
White. \$2.00 to \$3.00.
HORSE CHESTNUT—Each \$2.00.
LINDEN (European). Each \$1.50 to \$2.50.
Silver Leaved. Each \$1.75.
LOCUST (Black). Each \$1.50 to \$2.00.
Honey. Each \$1.50 to \$2.50.
MAPLES.
Sugar or Rock Maple. Each \$1.50 to \$2.00.
Silver. Each \$1.50 to \$2.00.
Norway. Each \$1.50 to \$2.00.
POPLAR (*Lombardy*). Each \$1.50.
Carolina. 8 to 16 ft. Each \$1.50.
PRUNES PISSARDI. Each \$2.00.
SYCAMORE. Each \$1.50 to \$2.00.
TULIP TREE or WHITEWOOD. Each \$2.00 to \$3.50.

WEeping TREES

BIRCH (Cut Leaved). Each \$2.50.
WILLOWS. Each \$1.00 to \$2.50.

HEDGE TREES

HOLLY. Small. Per 100, \$25.00 to \$35.00.
LAUREL. 18 inches. Per 100, \$40.00.
PRIVET. English.
12 to 18 inches, per 100, \$5.00.
18 to 24 inches, per 100, \$7.50.
Heavy. Per 100, \$10.00.
California. 18 to 24 inches. Per 100, \$7.50.

CONIFERS

ARIES (FIRS).
Pinsapo Spanish. Each, 18 to 24 inch, \$2.50. 24 to 36 inch, \$3.50.
CEDRUS (Cedars).
Atlantica. Each \$2.00 to \$7.50.
Deodora. Each, 2 to 3 ft., \$2.50; 3 to 4 ft., \$3.50.
CUPRESSUS (Cypress).
Lawsoniana. Each \$1.50 to \$3.50.
Boskoop Blue. Each \$3.50 to \$5.00.
Erecta Viridis. Erect. Each \$2.00 to \$10.00.
Alumai. Blue. Each \$3.00 to \$5.00.
CRYPTOMERIA ELEGANS. Each \$2.00

to \$5.00.
JUNIPER.
Hibernica. Irish. Each \$2.00 to \$5.00.
Chinensis *Argentia*. Silver. Each \$2.50 to \$5.00.
Chinensis *Procumbens*. Trailing. Each \$3.00 to \$5.00.
PICEA (Spruce).
Norway. Each \$1.50 to \$3.00.
Koster's. Colorado Blue. Each \$3.50 to \$7.50.
PINUS (Pines).
Austrian. Each \$2.00 to \$3.00.
White. Each \$2.00 to \$3.00.
RETINOSPORA.
Obtusa Japan Cypress. Each \$3.50 to \$5.00.
Plumosa *Aurea*. (Golden). Each \$2.00 to \$5.00.
Pisifera *Aurea*. Each \$2.00 to \$3.50.
Squarrosa *Veitchii*. Each \$2.00 to \$5.00.
TAXUS (Yews).
Baccata English Yew. Each \$3.00 to \$5.00.
Thuyta (Arbor Vitae).
Occidentalis American. Each \$2.00 to \$3.50.
Orientalis *Aurea*. Each \$2.00 to \$3.50.
Pyramidalis. Pyramidal. Each \$2.50 to \$5.00.

HARDY CLIMBERS

AMPELOPSIS QUINQUEFOLIA. Each 75c to \$1.00.
Englemanni. Each 75c to \$1.00.
Veitchi. Boston Ivy. Each 75c to \$1.00. Pots, \$1.50.
CLEMATIS.
Jackmani. Purple. Each 75c to \$1.00.
Henryi. Creamy white. Each 75c to \$1.00.
Edward Andre. Crimson red. Each 75c to \$1.00.
Duchess of Edinburgh. Each \$1.00.
Paniculata. Each 75c to \$1.00.
ENGLISH IVY. Each 50c to \$1.00.
EUONYMUS REPENS or JAPANESE IVY. Green. Each 50c to \$2.00.
Variegated. Each 50c to \$2.00.
HONEY-SUCKLE.
Belgian or Evergreen. Each 75c to \$1.00.
Sweet Scented. Each 75c to \$1.00.
Golden Japanese. Each 75c to \$1.00.
JASMINES.
Nudiflorum. Each \$1.00.
Officinalis. Each \$1.00.
WISTARIA.
Multijuga. Purple. Each \$1.00 to \$1.50 and \$2.00.
Multijuga. White. Each \$1.00 to \$1.50 and \$2.50.

HARDY FLOWERING SHRUBS

ALTHEA or Rose of Sharon. Each \$1.00.
ALMOND—Each \$1.00 to \$2.00.
AZALEAS.
Red, 8 to 10 in., each \$1.50 to \$3.50.
White, 18 in. to 2 ft., each \$2.50.
Pink, 2 to 3 ft., each \$3.00.
Double Lavender, 18 in., each \$2.00.
Mollis, each \$1.25 to \$2.50.
BARBERY (BERBERIS).
Darwinii. Each \$1.50.
Purpurea. Each \$1.00.
Thunbergi. Each \$1.00 to \$1.50.
Vulgaris. Each \$1.00 to \$1.50.
Wilsoni. Each \$1.50.
BUDDLEIA or BUTTERFLY BUSH.
Each \$1.00 to \$1.50.
BROOM.
Vulgaris. Yellow. Each 50c.
Alba. White. Each 75c.
Compacta. Each 75c.
Andriana. Red. Each 75c.
Spanish. Each \$1.25.
CHERRY — Double Flowering. Each \$1.50 to \$3.50.
CRAB—Bechtel's Flowering. Each \$1.50 to \$2.00.
CALYCANTHUS—Each \$1.00 to \$1.50.
DESMODIUM PENDULIFLORIUM — Each \$1.00.
DOGWOOD.
Silver Leaf. Each \$1.00 to \$1.50.
Golden Leaf. Each \$1.00 to \$1.50.
Golden Twig. Each \$1.00 to \$1.50.
Red Twig. Each \$1.00 to \$1.50.

DEUTZIAS.
Gracilis. Each 75c to \$1.50.
Pride of Rochester. Each 75c to \$1.50.
FORSYTHIA or GOLDEN BELL—Each \$1.00.
HYDRANGEAS.
Aborensens *Grandiflora*. Each 75c to \$1.00.
Paniculata *Grandiflora*. Each 75c to \$1.00.
Hortensia. Pink. Each \$1.00 to \$1.50.
Hortensia. Blue. Each \$1.00 to \$1.50.
Each \$2.00.
JAPANESE SNOWBALL—Each \$1.00 to \$1.50.
JAPANESE QUINCE—Each 75c to \$1.00.
LILACS.
Common Purple. Each 75c to \$1.50.
Common White. Each 75c to \$1.50.
Mme. Lemoine. Each \$1.75.
Marie Le Graye. Each \$1.75.
Mms. Casimir Perier. Each \$1.75.
Souvenir de Ludwig Spaeth. Each \$1.75.
Charles X. (Reddish). Purple. Each \$1.75.
JAPANESE LILACS—Each \$1.00.
LABURNUM or GOLDEN CHAIN. Each \$1.25 to \$2.00.
PEACH (Double Flowering) — Each \$1.75.
PHILADELPHUS (*Syringia* or Mock Orange).
Aureus or Golden *Syringia*. Each \$1.00.

Grandiflora. Each 75c to \$1.50.
Nivalis. Each 75c to \$1.50.
ROBINIA HISPIDA or DWARF PINK LOCUST—Each \$1.25.
RHODOTYPUS KERRIOIDES — Each 75c.
SNOWBALL (Viburnum).
Sterilis. Each \$1.00 to \$1.50.
Opulus. Each \$1.00 to \$1.50.
Plicatum. Each \$1.25.
RHUS COTINUS—Each \$1.25.
SAMEUCUS.
Silver Leaf. Each 75c.
Golden Leaf. Each 75c.
Cut Leaf. Each 75c.
SPIREA VAN HOUT.
SPIREAS.
Arguta *Multiplora*. Each 75c to \$1.00.
Anthony Waterer. Each 75c to \$1.00.
Prunifolia fl. pl. Bridal Wreath. Each 75c to \$1.00.
Van Houtti. Each 75c to \$1.00.
SYMPHORICARPUS.
racemosus. Each 75c.
Vulgaris. Each 75c.
Tamarix. Each \$1.00 to \$2.00.
SUMAC.
Rhus Copallina. Each 75c to \$1.50.
Rhus Typhina *Lacinated*. Each \$1.00.
WEIGELA.
Candida. Each 75c to \$1.00.
Eva Rathke. Each \$1.00 to \$1.50.
Variegated. Each 75c to \$1.00.

BOYCE'S SELECTED FRUIT TREES

THE PREPARATION OF THE SOIL

For fruit trees soil should be dry, either natural or made so by thorough drainage, as they will not live or thrive on a soil constantly saturated with stagnant moisture. It should also be well prepared. On new, fresh lands, manuring will be unnecessary, but on land exhausted by cropping, fertilizers must be applied, either by turning in heavy crops of clover, or well decomposed manure or compost. To insure a good growth of fruit trees, land should be in as good condition as for a crop of wheat corn or potatoes.

THE PREPARATION OF THE TREES

In regard to this important operation, there are more fatal errors committed than in any other. As a general thing trees are planted in the ground precisely as they are sent from the nursery. In moving a tree, no matter how carefully it may be done, a portion of the roots are broken and destroyed and consequently the balance that existed in the structure of the tree deranged. This must be restored by proper pruning, adapted to the size, form and condition of the tree as follows:

STANDARD ORCHARD TREES

These, as sent from the nursery, vary from 4 to 6 feet in height, with naked stems or trunks and a number of branches at the top forming a head. These branches should all be cut back to within three or four buds of their base. This lessens the demand upon the roots, and enables the remaining buds to push with vigor. Cut off smoothly all bruised or broken roots up to the sound wood. In case of older trees of extra size, the pruning must be in proportion; as a general thing it will be safe to shorten all the previous year's shoots to three or four buds at their base, and where the branches are very numerous some may be cut entirely.

STAKING. If trees are tall and much exposed to the wind, a stake should be planted with the tree to which it should be tied in such a manner as to avoid chafing. A piece of matting or cloth may be put between the tree and the stake.

MULCHING. When the tree is planted, throw around it as far as the roots extend, and a foot beyond, five or six inches deep, rough manure or litter. This is particularly necessary in dry ground, and is highly advantageous everywhere, both in spring and fall planting. It prevents the ground from baking or cracking, and maintains an equal temperature about the roots.

AFTER-CULTURE. The grass should not be allowed to grow around young trees after being planted, as it stunts their growth. The ground should be kept loose and clean around them until, at least, they are of bearing size.

APPLES

- 1 year or light 2 years. Each 85c, doz. \$10.00.
2 years. Each \$1.00, doz. \$11.00.
2 to 3 years. Each \$1.50, doz. \$16.00.
ARKANSAS BLACK. Medium, slightly conical, deep crimson, sub-acid, fine quality. Nov. to March.
GRAVENSTEIN. Large, round, striped, fine quality. Very productive. Aug.
JONATHAN. Medium, conical, red, juicy. Oct.
KING. Large, roundish, ribbed, deep red in stripes, strong grower, good keeper. Oct. to Feb.
NORTHERN SPY. Large, roundish conical, striped red, fine flavor sub-acid. Nov. to March.
RED ASTRACHAN. Large, round, deep crimson, acid, good cooker. Aug.
RED JUNE. Medium, oblong, red, sub-acid. Aug. to Oct.
ROME BEAUTY. Large, round, slightly conical, bright red on yellow ground. Nov. to Dec.
SPITZENBURGH. Round, slightly conical, rich red, firm, spicy. Dec. to March.
STAYMAN WINESAP. Medium, round slightly conical, deep red, fine keeper. Nov. to Jan.
WAGENER. Medium, oblate, pale red on yellow ground, sub-acid, aromatic. Dec. to March.
WINTER BANANA. Large, golden yellow shaded blush, sub-acid, aromatic, early bearer. Sept.

CRAB APPLES

Prices Same as Apples.

- FLORENCE.** Large, red, fine quality, bears early.
HYSLOP. Large, round, deep crimson, sub-acid. Oct.
TRANSCENDANT. Medium, yellow, striped red, juicy, early.
RED SIBERIAN. Medium, red, fair quality.
YELLOW SIBERIAN. Medium, golden yellow. Vigorous.

PEARS

- 1 year and light 2 years. Each 85c, doz. \$10.00.
2 years. Each \$1.25, doz. \$13.00.
3 years select. Each \$1.75, doz. \$18.00.
BARTLETT. Large, clear yellow, rich flavor, hardy and prolific. Aug.
BEURRE D'ANJOU. Large, russet-yellow, juicy, rich flavor, fine for market and table. Sept.
CLAPP'S FAVORITE. Splendid pear, earlier than Bartlett, hardy and vigorous. July.
COMICE. Large, greenish yellow, slightly russeted, sweet and aromatic. Oct. to Nov.
FLEMISH BEAUTY. Large, reddish brown russet on pale yellow ground. Sept.
WINTER BARTLETT. Large, yellow, slight blush, fine keeper. Nov.
WINTER NELLIS. Medium, roundish, dull russet, flavor rich, heavy bearer. Dec.

CHERRIES

- 1 year and light 2 years. Each \$1.50, doz. \$16.00.
2 years select. Each \$2.00, doz. \$22.50.
BING. Large size, dark brown, fine flavor, sweet, good shipper and canner. July.
LAMBERT. Large, deep red, fine quality, sweet and heavy bearer. July.

- BALDWIN.** Medium, round, striped red, sub-acid, vigorous. Nov. to Feb.
BELLFLOWER. Large, oblong conical, yellow. October.
DUCHESS OF OLDENBURG. Medium to large, round, splashed red on yellow ground, strong grown, hardy. Sept.
DELICIOUS. Large, conical, red splashed on yellow, strong grower, sweet. Nov.
BLACK REPUBLICAN. Medium, black, fair quality. July.
EARLY RICHMOND. Medium, red, sub-acid, productive. June.
ENGLISH MORELLO. Rather large, dark red, rich acid, good canner. Aug.
LATE DUKE. Large, dark red, sub-acid. Aug.
MONTMORENCY. Large, bright red, acid, great bearer, fine for market, especially valuable for canning. July to Aug.
ROYAL ANN. Very large, pale yellow shaded deep red, sweet, finest quality, good canner. July to Aug.

APRICOTS

- 2 years. Each \$1.50, doz. \$15.00.
ROYAL. Medium, flesh yellow, sweet, productive, fine canner. July.
LEWIS. Large, orange color, flesh firm, excellent variety. Aug.

PLUMS

- 1 year old and light 2 years old. Each \$1.00, doz. \$10.00.
2 years old. Each \$1.25, doz. \$13.00.
BRADSHAW. Very large, dark purple, juicy, fine flavor.
BURBANK. Large, round, flesh deep yellow. Very early.
COLUMBIA. Very large, brownish purple, flesh deep yellow, flavor good. Late.
DAMSON. Small, purple, sub-acid, fine for preserves.
GREENGAGE. Medium, yellowish green, rich and sweet. An old favorite.

PEACHES

- Each 2 years old. \$1.25, doz. \$13.00.
ELBERTA. Large, flesh yellow, free stone.
EARLY CRAWFORD. Large, flesh yellow, sub-acid, fine for canning.
LATE CRAWFORD. Large, flesh yellow, juicy.

PRUNES

- 1 year old and light 2 years old. Each 85c, doz. \$10.00.
2 years old. Each \$1.25, doz. \$13.00.
FRENCH. Medium, reddish purple, sweet. Very prolific.
HUNGARIAN. Sometimes known as Pond's Seedling Plum, reddish violet, juicy and sweet. Aug.
ITALIAN. Deep purple, sweet and excellent for drying and canning. Sept.
SILVER. Large, sweet, excellent for canning. Aug.

QUINCE

- 2 years old. Each \$1.50, doz. \$16.00.
CHAMPION. Large, bright yellow, good keeper.
ORANGE. Large, roundish, golden yellow.

SMALL FRUITS

CURRENTS

2 years old. Each 25c, doz. \$2.50.
Large 2 years old. Each 35c, doz. \$3.50.
BLACK CHAMPION. Large, black, mild, good flavor.
CHERRY. Very large, quite acid.
FAY'S PROLIFIC. Medium, bunches long, superior in flavor to Cherry.
PERFECTION. Very large, vigorous and productive, best for market and canning.

GOOSEBERRIES

2 years old. Each 35c, doz. \$3.50.
OREGON CHAMPION. Medium, greenish white, vigorous and productive.
JOSSLYN OR RED JACKET. Medium, red, good flavor, prolific.
PEARL. Medium, pale green, quality good.
CHAUTAUQUA. Large, pale green, oblong, very best quality, unexcelled for home use. (Stock very limited). Each 75c, doz. \$8.00.

BLACKBERRIES

Each 20c, doz. \$2.00, 100 \$12.00.
LUCRETIA DUEBERRY. Large, coreless, sweet, the best dueberry yet introduced.
EVERGREEN. Medium, fine for shipping or canning.
HIMALAYA. A remarkable berry, great bearer, sweet, seedless, rampant grower.
NEW MAMMOTH. Large, berry long, fine flavor, very productive.

RASPBERRIES

Each 20c, doz. \$2.00, 100 \$12.00.
GREGG. Black, large, a productive and popular variety.
ST. REGIS. The "early-till-late" variety, producing throughout the season, berries large and sweet.
CUTBERT. Large, flavor sweet, good color, the finest commercial berry.

LOGANBERRIES

Tips for spring delivery. Each 10c, doz. \$1.00, 100 \$6.00.
2 years (transplanted). Each 25c, doz. \$2.50.

GRAPES

2 years old. Each 50c, doz. \$5.00.
CAMPBELL'S EARLY. Bunch large, berries black, sweet. Early.
CONCORD. Bunch large, berries almost black. Very productive.
DELAWARE. Bunches small, berries light red, sweet with a musky aroma.
ISLAND BELL. This variety originated in Puget Sound; it is a large blue grape, bunches compact, a money maker. Each 75c, doz. \$7.50.
MOORE'S DIAMOND. Large, greenish white. Early.
MOORE'S EARLY. Large, black, good flavor, earlier than Concord.
NIAGARA. Large, berries pale yellow. Very hardy.

HARDY PERENNIAL PLANTS

ACANTHUS (BEAR'S BREECH), 2 ft., pink, large plant, 35c each.
ACONITUM (MONKSHOOD), 1½ ft., pale blue, 35c each.
ACHILLEA (YARROW), "The Pearl", 18-inch, pure white, 25c each.
AGROSTEMMA, 3 ft., pink, 25c each.
ANEMONE (JAPONICA), 3 ft., mixed colors, 20c each.
ANEMONE (ST. BRIGID), 1 ft., mixed colors, 20c each.
ALYSSUM (SAIATILE), 1 ft., golden yellow, 25c each.
ANCHUSA ITALICA (DROPMORE), 3 ft., blue, 25c each.
ANTHEMIS (HARDY MARGUERITE), 1 ft., yellow, 25c each.
ANTIRRHINUM (SNAPDRAGON), 2 ft., pink, white, red, yellow, 20c each.
ARABIS (SNOW IN THE MOUNTAIN), 1 ft., white, 10c each, \$1.00 dozen.
AQUILEGGIA (COLUMBINE), 3 ft., long spurred, mixed colors, 25c each.
ARMERIA (SEA PINK), 1 ft., pink, 20c each.
ARTEMESIA, 4 ft., white, 30c each.
ASTERS (HARDY KING), large flower, 2 ft., 25c each.
ASTERS (MICHAELMAS DAISY), white, blue, purple, heliotrope, 30c each.
AUBRETTIA (BLUE SNOW MOUNTAIN), 1 ft., light blue, 20c each.
AURICULA. 1 ft., mixed colors, 25c each.
BELLIS PERENNIS (ENGLISH DAISY), red, white, pink, 15c each.
BLEEDING HEART. 2 ft., blood red, 50c each.
CAMPANULAS ((BELLFLOWER), 2 ft., blue, purple, pink, white, 20c each.
CAMPANULAS DOUBLE (CUP AND SAUCER TYPE), 2 ft., blue, pink, white, purple, 20c each.
COREOPSIS. 2 ft., yellow, 20c each.
CARNATIONS (HARDY BORDER), 2 ft., red, white or pink, 25c each.

HARDY PERENNIALS—Cont'd

CENTAUREA. 2 ft., blue, 25c each.
CERASTIUM (SNOW IN SUMMER), 1 ft., white, 25c each.
CHINESE LANTERN PLANT. Good dried flower, each 25c.

CHRYSANTHEMUM (Standard Hardy Varieties)

ADICONDA. A fine bronze.
BETH. Wine color.
EXCELSIOR. Bright yellow.
MIRAMAE. Buck red.
MODEL OF PERFECTION. Double white.
GLORY OF SEVEN OAKS. Canary yellow.
SOLIEL D'OR. Orange yellow.
30c each. One each of seven varieties for \$1.75.
DAISY (SHASTA), Burbank variety "Alaska", 2 ft., white, 25c each.
DELPHINIUM PERENNIAL LARKSPUR. 4 ft., 25c each.
DIANTHUS (GARDEN PINKS), crimson and white, 1 ft., 20c each.
DIGITALIS (FOX GLOVE), 6 ft., mixed colors, 20c each.
DORONICUM (EXCELSUM), yellow, 3 ft., 25c each.
ECHINOPSIS (GLOBE THISTLE), blue, 2 ft., 20c each.
ERYNGIUM (SEA HOLLY), 2 ft., blue, 30c each.
FEVERFEW (LEITH GENE), 2 ft., white, 20c each.
FUNKIA, Foliage Plant, 2 ft., 35c each.
GAILLARDIA. Yellow and gold, 2 ft., 25c each.
GEUM, MRS. BRADSHAW. Brilliant red, 4 ft., 25c each.
GRASSES, ORNAMENTAL. 35c each.
PLUME GRASS GREEN.
PAMPAS GRASS.
RIBBON GRASS.
GOLDEN BAMBOO.
GYPHOPHILA (BABY BREATH), single, excellent dried, 15c each.
Double, fine dried flower, 50c each.
HELENIUM. 3 ft., golden yellow, 25c each.
HELIANTHUS (SUNFLOWER), double, grows 4 ft., 25c each.
HELIOPSIS. Orange sunflower, grows 3 ft., 25c each.
HEUCHERA (CORNBELL), dwarf, 1 ft., 30c each.
HEMEROCALUS (YELLOW DAY LILY), 3 ft., 25c each.
HIBISCUS. Red, pink, white, 5 ft., 20c each.
HYPERICUM (ST. JOHNS WORT), border plant, 2 ft., 25c each.
HOLLYHOCKS. Double, red, pink, yellow, white, grows 6 ft., 15c each.
IBERIS. Hardy candytuft dwarf, white, 2 ft., 25c each.
LAVENDER. Large plants, 75c each.
LATHYRUS. Perennial. Sweet Pea, each 20c.
LINUM (PERENNE), flax, blue, 1½ ft., 30c each.
LOBELIA, Cardinalis, 2 ft., 20c each.
LUPINUS. Blue, white, pink, 4 ft., 50c each.
LYCHNIS. Mixed colors, 3 ft., 20c each.
LYTHRUM. Rose color flowers, 4 ft., 25c each.
MYOSOTIS (FORGET-ME-NOT), deep blue, 1 ft., 15c each, \$1.50 doz.
OENOTHERA (EVENING PRIMROSE), white, 1½ ft., 25c each.
POPPY (ORIENTAL), red, apricot, pink, white, 25c each.
POPPY (ICELAND), white, yellow, orange, scarlet, 20c each each.
PENTSTEMON. Mixed colors, 2 ft., 20c each.
PHLOX (CANADENSIS), red, pink, and white, 25c each. Mixed colors, 20c each.
PINKS (HARDY GARDEN PINK), white, red, 15c each, \$1.50 doz.
PLATYCODON (BALOON FLOWER), white, 2 ft., 25c each.
PRIMULA VERIS (ENGLISH COWSLIP), mixed, ½ ft., 20c each.
POLYANTHUS (ENGLISH PRIMROSE), various colors, 25c each.
PYRETHRUM. Single and double, mixed colors, 25c each.
RUBRECKIA. Golden glow, 5 ft., 25c each.
ROSEMARY. An herb, 2 ft., 35c each.
SALVIA. Meadow sage, blue, 30c each.
SCABIOSA (CAUCASICA), 2 ft., blue, 25c each.
SEDUM. For carpet bedding, 1 ft., 20c each.
SILENE. Rock plant, 6 inches, 20c each.
STATICE SEA LAVENDER. Each 25c.
SPIREA. White and blue, 1 ft., 30c each.
SOLIDAGO. Golden Rod, 4 ft., 30c each.
STACHYS. Purple rose, 1 ft., 20c each.
STOKESIA CYANEA. Lavender, 25c each.
SWEET WILLIAM. Pink, scarlet, 15c each.
TRITOMA (RED HOT POKER), 3 ft., 30c each.
VALERIANA (GARDEN HELIOTROPE) 2 ft., 30c each.
THALICTRUM DIPTEROCARPUM, 5 ft., 50c each.
VINCA. Evergreen tracing plant, 25c each.
VIOLAS. Tufted Pansy, deep blue, 15c each.
VIOLET. Hardy single, 15c each.
VIOLET. Hardy double, 15c each.
WALLFLOWERS. Single, yellow, red, brown, 15c each.
YUCCA. Foliage plant, 75c each.



BOYCE'S SUPERIOR BRAND LAWN GRASS

This is by far the best mixture of grasses offered for the purpose of quickly producing a permanent lawn. It is prepared from our own formula, and is a careful blending of varieties adapted to producing the thick growth and velvety appearance so much sought after. Each variety of grass in its composition is therefore a special purpose; some for making strong fibrous roots, which take hold upon the soil and keep the turf in place, others of a creeping nature quickly fill up any bare spots which are useful for their color value, and also kinds that are able to withstand the beating down of excessive rains.

Whether you want to seed a small grass plot in your yard, or a lawn of more pretentious size, you should use this grass mixture.

1 lb. 65c; 10 lbs. \$6.00.

BOYCE'S SHADY PLACE GRASS

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in shade, and as it blends well with our regular Lawn Grass Mixture it may be used on those portions of the lawn which are shaded by trees, buildings, etc., thus covering the whole area with a rich green sward.

1 lb. 75c; 10 lbs. \$6.50.

BOYCE'S HIGH GRADE FERTILIZERS

The Highest Grade Only. Guaranteed Analysis. Prices Subject to Change. Delivered Anywhere in Seattle, Not Postpaid

Acid Phosphate—14 per cent available. Used in place of Bone Meal. 10 lbs., 50c; 25 lbs., \$1.00; 100 lbs., \$2.75.

BONE MEAL—Boyce's Rose Grower—Made from Steam Bone Meal which is quicker acting than the untreated stock, a few pounds applied to each bush when planted give wonderful results. 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.25; 100 lbs., \$3.75.

BLOOD AND BONE—The only complete fertilizer coming from slaughter houses. Acts very quickly. 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.25; 100 lbs., \$3.75.

LAWN LIME—Cannot be used as a fertilizer but every lawn should have an application every year. 50 lbs., 75c; 100 lbs., \$1.50.

BOYCE'S LAWN AND GARDEN FERTILIZER (Analysis 2-10-2)—Does the work of twenty times its weight of farmyard manure. Does it better, quicker, cheaper. Contains no weeds, easier applied without wasting. 100 lbs. sufficient for 1000 square feet. 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.25; 100 lbs., \$3.75.

POTATO AND STRAWBERRY FERTILIZER (Analysis $2\frac{1}{2}$ -10-4 $\frac{1}{2}$)—This fertilizer can also be used on lawns which are badly depleted. 5 lbs., 40c; 10 lbs., 70c; 25 lbs., \$1.50; 100 lbs., \$4.25.

ROOT CROPS, Market Gardening—Best fertilizer when people using have had experience. Very powerful and

damage can be done when not used in accordance with directions. 5 lbs., 45c; 10 lbs., 80c; 25 lbs., \$1.75; 100 lbs., \$5.50.

WHALE FERTILIZER—A fish fertilizer very strong in nitrogen and produce excellent results; especially for use on lawns. 10 lbs., 80c; 25 lbs., \$1.75; 100 lbs., \$5.50.

SHEEP GUANA—Dry, finely ground, excellent for digging into rose and flower beds; especially bulbs. Inexpensive and easily handled. 25 lbs., 75c; 100 lbs., \$2.25.

NITRATE OF SODA—Not a substitute for fertilizer, but the cheapest way to apply fertilizer to plants. 3 lbs., 25c; 10 lbs., 75c; 100 lbs., \$5.00.

BOYCE'S PUTTING GREEN MIXTURE

A careful study of the requirements for making the most substantial turf for Putting Greens developed the mixture herewith offered by us for this purpose. The varieties comprising it are of the finest-bladed, low growing and most hardy kinds, and maintain their rich green color throughout the season.

1 lb. 75c; 10 lbs. \$6.50.

BOYCE'S TERRACE GRASS

Ordinary lawn grass will not hold on terraces and embankments which require a thick turf, composed of varieties which make strong roots to take hold of the soil and prevent washing by heavy rains. Our Terrace Grass is a carefully prepared combination of such grasses as will fill the requirements by making a quick growth of grass which will form a strong mat and present a good appearance. It will grow well anywhere, but it is best to enrich the soil in order to provide nourishment to the young roots and give a vigorous start to their growth.

WHITE DUTCH CLOVER SEED

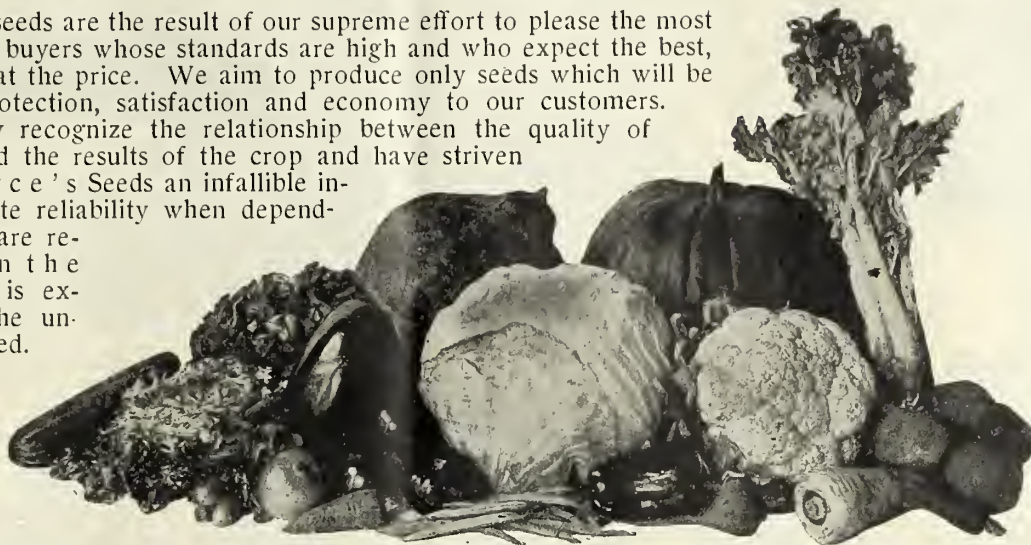
Excellent for use on lawns, forms a close herbage and remains green throughout the season. We furnish the choicest grade of seeds.

1 lb. 80c; 10 lbs. \$7.50.

BOYCE'S VEGETABLE SEEDS

Boyce's seeds are the result of our supreme effort to please the most discriminating buyers whose standards are high and who expect the best, no matter what the price. We aim to produce only seeds which will be a constant protection, satisfaction and economy to our customers.

We fully recognize the relationship between the quality of seed sown and the results of the crop and have striven to make Boyce's Seeds an infallible index to absolute reliability when dependable seeds are required, when the extraordinary is expected and the unusual demanded.



	Pkt.	Oz.	
ARTICHOKE—			
French Green Globe.....	.10	.50	
ASPARAGUS—			
Columbia Mammoth, white.....	.10	.35	
Palmetto, green.....	.10	.35	
BEANS, DWARF WAX—			
Davis White Kidney.....	.15	.40	3.50
Golden Wax.....	.15	.40	3.50
BEANS, POLE—	Pkt.	lb.	10 lbs.
Kentucky Wonder.....	.15	.40	3.50
Lazy Wife.....	.15	.40	3.50
BEANS, DWARF GREEN PODDED—			
Burpee's Stringless.....	.15	.40	3.50
Long Yellow Six Weeks.....	.15	.40	3.50
LIMA BEANS—			
King of the Garden.....	.15	.40	3.50
BEEF—	Pkt.	Oz.	1/4 lb.
Crosby's Egyptian.....	.05	.20	.45
Early Blood Turnip.....	.05	.20	.45
Detroit Blood Turnip.....	.05	.30	.75
Early Wonder.....	.10	.30	.75
SWISS CHARD—Lucullus.....	.05	.20	.45
MANGEL-WURZEL—	1/4 lb.	lb.	
Danish Sludstrup.....	.05	.30	1.00
Long Red.....	.05	.25	.75
Golden Tankard.....	.05	.25	.75
BEEF, SUGAR—			
Klein, Wanzleben.....			
BROCCOLI—	Pkt.	Oz.	1/4 lb.
Large White French.....	.10	.90	3.00
BRUSSELS SPROUTS—			
Dwarf Improved.....	.10	.40	1.25
CABBAGE, EXTRA EARLY—			
Copenhagen Market.....	.10	.50	1.50
Early Jersey Wakefield.....	.05	.35	1.35
Charleston Wakefield.....	.05	.35	1.35
CABBAGE, SECOND EARLY—			
Henderson's Early Summer.....	.05	.35	1.35
Early Flat Dutch.....	.05	.35	1.35
CABBAGE, WINTER VARIETIES—			
Danish Ballhead.....	.10	.50	1.50
Premium Late Flat Dutch.....	.05	.35	1.55
Red Dutch.....	.10	.50	1.50
CARROTS—			
Danvers Half Long.....	.05	.20	.40
Chantenay.....	.05	.20	.40
Imp. Long Orange.....	.05	.20	.40
White Belgian.....	.05	.20	.40
Mastodon.....	.05	.20	.40
Boyce's Improved Nantes.....	.10	.30	.75
CAULIFLOWER—	1/4 oz.	Oz.	
Danish Giant.....	.25	1.25	4.00
Snowball Selected.....	.25	1.25	4.00
Early Dwarf Erfurt.....	.10	1.00	3.00
CELERY—			
Vilmorin's Paris Yellow.....	.25	1.25	4.00
Silver Plume.....	.10	.50	1.50
Golden Self Blanching.....	.10	.50	1.50
CELERIAC—Large Prague.....	.10	.30	.75
CHERVIL—Curled.....	.05	.40	1.25
CHICORY—Large Rooted.....	.05	.40	1.25
COLLARDS—Georgia.....	.05	.20	.50

	Lb.	10-lbs.	
CORN, SWEET EARLY—			
Golden Bantam.....	.15	.40	3.50
Peep O'Day.....	.15	.40	3.50
Golden Giant Sweet.....	.15	.40	3.50
CORN, LATE VARIETIES—			
Country Gentleman.....	.15	.40	3.50
Stowell's Evergreen.....	.15	.40	3.50
CORN SALAD—			
Large Headed Feticus.....	.05	.20	.40
CRESS—	Pkt.	Oz.	1/4 lb.
Curled or Pepper Grass.....	.05	.20	.45
Water.....	.10	1.20	4.00
CUCUMBER—			
Chicago Pickling.....	.05	.20	.45
Davis Perfect.....	.05	.20	.45
White Spine Improved.....	.05	.20	.45
EGG PLANT—			
New York Improved.....	.10	.50	2.50
ENDIVE—			
Broad Leaved Batavian.....	.05	.20	.45
Green Curled.....	.05	.20	.45
White Curled.....	.05	.20	.45
HERB SEEDS—Per Package, 10 Cents			
Every home should have an herb bed; it pays for itself many times over.			
KALE—			
Dwarf Scotch.....	.05	.20	.40
Tall Scotch.....	.05	.20	.40
Thousand Headed.....	.05	.15	.25
KOHL RABI—			
Early White Vienna.....	.05	.20	.45
Purple Vienna.....	.05	.20	.45
LETTUCE, Curled Varieties—			
Early Curled Simpson.....	.05	.20	.40
Black Seeded Simpson.....	.05	.20	.40
Grand Rapids.....	.05	.20	.40
LETTUCE, Headed Varieties—			
Wonderful.....	.05	.20	.40
Boston Market.....	.05	.20	.40
Hanson Head.....	.05	.20	.40
Prizehead.....	.05	.20	.40
New York.....	.10	.35	1.00
MELON, MUSK—			
Osage or Miller's Cream.....	.05	.20	.40
Extra Early Hackensack.....	.05	.20	.40
Burrell's Gem.....	.05	.20	.40
MELON, WATER—			
Sweet as Honey.....	.05	.20	.40
Kleckley Sweet.....	.05	.20	.40
Tom Watson.....	.05	.20	.40
MUSTARD—			
Southern Curled.....	.05	.20	.40
White English.....	.05	.20	.40
OKRA—Dwarf Green.....	.05	.20	.40
ONIONS—			
Large Red Wethersfield.....	.05	.25	.85
White Queen.....	.05	.30	1.00
Australian Brown.....	.05	.25	.85
White Portugal.....	.10	.30	1.00
Yellow Globe Danvers.....	.05	.25	.85
White Globe.....	.10	.30	1.00
PARSNIPS—Hollow Crown.....	.10	.30	1.00

	Pkg.	Lb.	10-lbs.	
PEPPER—				
Large Bell Bullnose.....	.10	.60	1.50	
Long Red Cayenne.....	.10	.60	1.00	
PUMPKIN—				
Sugar or Sweet Pie.....	.05	.20	.45	
Connecticut Field.....	.05	.20	.45	
PEAS, Early Variety—				10-lbs.
Gradus.....	.15	.40	3.50	
Thomas Laxton.....	.15	.40	3.50	
American Wonder.....	.15	.40	3.50	
Premium Gem.....	.15	.40	3.50	
Alaska.....	.15	.40	3.50	
Edible Pod.....	.15	.40	3.50	
PEAS, LATE—	Pkg.	Lb.	10-lbs.	
Alderman.....	.15	.40	3.50	
Telephone, Tall.....	.15	.40	3.50	
Dwarf Telephone.....	.15	.40	3.50	
RADISH—	Pkt.	Oz.	1/4 lb.	
Scarlet Turnip, White Tip.....	.05	.20	.45	
White Icicle.....	.05	.20	.45	
Long Bright Scarlet.....	.05	.20	.45	
Long Scarlet, White Tip.....	.05	.20	.45	
RADISH, Winter Varieties—				
China Rose.....	.05	.20	.45	
Round Black Spanish.....	.05	.20	.45	
RHUBARB—				
Mammoth Victoria.....	.05	.20	.45	
SALSIFY—				
Mammoth Sandwich Island.....	.05	.20	.45	
SPINACH—				
Viroflay.....	.05	.20	.45	
Prickly Winter.....	.05	.20	.45	
Thick Leaved Improved.....	.05	.20	.45	
Bloomsdale Savoy Leaved.....	.05	.20	.45	
SQUASH—				
Summer Varieties Crookneck.....	.05	.20	.45	
White Bush Scallop.....	.05	.20	.45	
Hubbard.....	.05	.20	.45	
TOBACCO—				
Connecticut Seed Leaf.....	.10			
Havana.....	.10			
TOMATO—				
Comet.....	.05	.40	1.25	
Spark's Earliana.....	.05	.40	1.25	
Dwarf Champion.....	.05	.40	1.25	
Red Cherry.....	.05	.50	1.50	
Red Pear.....	.05	.50	1.50	
Yellow Pear.....	.05	.50	1.50	
Yellow Plum.....	.05	.50	1.50	
TURNIP—				
Early White Milan.....	.05	.20	.40	
Purple Top Strap Leaf.....	.05	.20	.40	
Purple Top White Globe.....	.05	.20	.40	
RUTABAGA—				
American Purple Top.....	.05	.20	.40	
Yellow Swede.....	.05	.20	.40	

ST. HELEN'S ELECTRIC OIL INCUBATORS AND BROODERS



St. Helen's Electric Sectional 520 Egg Incubator

This cut shows the convenience of the new sectional construction, with patented and tested electrical features. Also carried in the three-deck model.

130 Egg Size.....	\$35.00
260 Egg Size.....	50.00
Single Deck	
Mammoth	85.00
Double Deck Mammoth (as shown)	170.00
Three Deck	
Mammoth	255.00

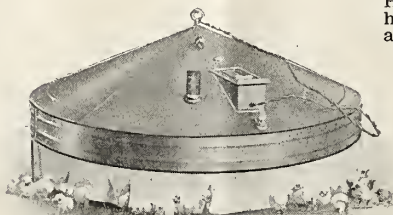
St. Helen's Progressive Oat Sprouters

Another product that comes from the St. Helen's plant. Thousands are in use producing economical and correct foods for healthy flocks. You should have a progressive Oat Sprouter to get the best results.

500 Hen Size, each.....	\$18.00
1500 Hen Size, each.....	42.00



We are glad to be in a position to offer our trade the famous St. Helen's line of Incubators and Brooders. During the past few years the St. Helen's line has taken front rank in efficiency and economical operation, and for more than 23 years has given the highest satisfaction to the thousands of users. Just a few of the models are shown—but we can supply them all from the smallest to the largest.



ST. HELEN'S OIL OPERATED 520 EGG INCUBATORS

This machine includes all of the latest St. Helen's improvements and will produce strong hatches with a minimum of expense, care and attention.

60 Egg Size.....	\$12.50
130 Egg Size.....	24.00
260 Egg Size.....	38.00
390 Egg Size.....	50.00
520 Egg Size.....	62.50

ST. HELEN'S IMPROVED ELECTRIC BROODER

The brooding stoves that includes all of the latest electric features—tested and proven in every particular. Convenient, safe, self-operating, and a favorite with poultry raisers wherever used.

32 in.	\$20.00
42 in.	27.00
52 in.	35.00

ALL ST. HELEN'S PRODUCTS ARE BACKED BY A FACTORY GUARANTEE

Every detail of construction is guaranteed in perfect condition when machines leave the factory. Instruction sheets are sent with every machine and you simply cannot go wrong in operating your machine if you follow these simple instructions.

PERFECTION SPRAYER

The sprayer with a tank made like a steam boiler.

We carry these in both galvanized and solid brass.

The tanks are very strongly riveted and soldered from the inside. The air pump is placed inside, out of the way, and where it is not liable to damage.

The upper end is fitted with a casting, threaded to screw onto a cast brass ring brazed to the top head of the tank. Only one gasket is used. The joint is always tight and the pump is easily removed for filling the tank or for inspection.

Capacity, 4 gallons.	
Galvanized Tank	\$ 6.25
All Brass Tank	10.50

Capacity, 2 gallons.	
Galvanized	\$5.00

No. 31 IDEAL

This makes a splendid "one-man" outfit. By pumping up about 150 lbs. pressure the machine will operate about 5 minutes without further pumping. All parts coming in contact with the liquid are made of brass, the pump being a seamless brass cylinder. The entire machine is made from the best material and carefully tested.

Capacity, 15 gals.	
Price	\$48.50
No. 30 IDEAL	
Same without pressure tank.	
Price	\$31.00



NEW MISTY

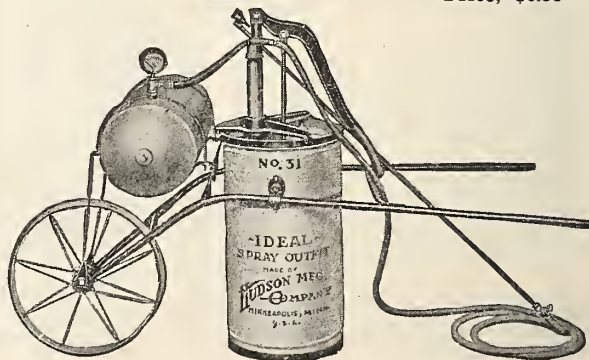
A good, strong, reliable sprayer, carefully made from good material. Every one is tested and will give satisfaction. Made with a lock seam without solder.

Capacity, 1 full qt. Price.....	50c
MIDGET	
Capacity 1 pint. Price.....	35c

MAGIC BUCKET PUMPS

The only bucket pump in which both intake and outlet valves are mounted in one cage and easily removable. This pump has a large capacity, and all work being done on down stroke it is very easy to operate. All parts except handle and foot rest are of brass.

Price, \$6.50





What applies to one business is true of all business. The poultry game at the time this catalogue is going to press is in the dumps, but we have so much faith in a quick recovery back to normalcy that we're afraid to quote prices as far in advance as next spring. If we were to contract baby chicks on today's market we would say they were worth about a thin dime each, but we look for very little changes in price from last year. They won't be any higher except on the extra fine bred stock, and that is what eventually all poultry raisers will demand, but at present there is not enough to go around, hence the extremely high prices. When you get ready to buy be sure to get our prices and list of different producers from whose flocks we get our hatching eggs. We know our stock is surpassed by none and has not many equals.

We have established the most complete cooping arrangement for carrying a complete stock of the different breeds of chickens where they can all be seen at one time. This poultry show, and it can be called a poultry show for we often have fifty birds on display, is going all the time. Come in and select what Cockerels you are going to need. Most any breed or all, at all times. Prices very reasonable. If you are interested in chickens send in your name and we'll mail you literature and price lists whenever we issue them.

ALUMINUM LEG BANDS

1 to 12 bands.....\$0.15	1 to 50 bands..... .50
1 to 25 bands..... .25	1 to 100 bands.....\$0.75
	1 to 500 bands..... 3.75
	1 to 1000 bands..... 7.50



AMERICAN

POULTRY SIZE

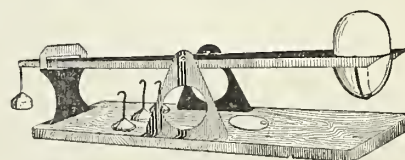
12 bands	\$0.15
25 bands30
50 bands50
100 bands75
500 bands	3.60
1000 bands	7.00

STILES COLORED LEG BANDS

Either sealed or clinched.

12 bands	\$0.50	50 bands	\$2.00
25 bands	1.00	100 bands	4.00

In blue, green, white, yellow and red.



SCALE

The Gilt Edge Scale

Price, each\$1.75

COLLECTION 100

HOLLAND BULBS

EVERY HOME SHOULD HAVE



25 early flowering Tulips. (5 varieties)	-	-	\$1.25
25 Darwins Tulips. (5 varieties)	-	-	1.25
25 Daffodils. (5 varieties)	-	-	1.25
25 Crocus-	-	-	.65
			<hr/> 4.40

Postpaid \$3.50

1c Paid

Seattle, Wash.

Permit No. 97

M. W. Tracy, Jr.

P. O.

U. S. Dept. of Agriculture
Bureau Plant Industry
STATE Washington D. C.

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